rewart, Kolasch & Bir

LLP

RELL C. BIRCH
RAY ADNO C. STEWART
BESCHHA. KOLASCH
JAMES M. SLATTERY
BERNARD L. SWEENEY
MICHAEL K. MUTTER
CHARLES GORENSTEIN
GERALD M. MURPHY. JR.
LEONARD R. SVENSSON
TERRY L. CLARK
ANDREW D. MEIKLE
MARC S. WEINER
JOE MCKINNEY MUNCY
ROBERT J. KENNEY
DONALD J. DALEY
JOHN W. BAILEY
JOHN A. CASTELLANO, III
GARY D. YACURA

OF COUNSEL:
HERBERT M. BIRCH (1905-1996)
ELLIOT A. GOLDBERG\*
WILLIAM L. GATES\*
EDWARD H. VALANCE
RUPERT J. BRADY (RET.)\*
F. PRINCE BUTLER
FRED S. WHISENHUNT

\*ADMITTED TO A BAR OTHER THAN VA.

INTELLECTUAL PROPERTY LAW 8110 GATEHOUSE ROAD SUITE 500 EAST FALLS CHURCH, VA 22042-1210 U S A (703) 205-8000

FAX: (703) 205-8050 (703) 698-8590 (G IV)

e-mail: mailroom@bskb.com web: http://www.bskb.com

CALIFORNIA OFFICE: COSTA MESA, CALIFORNIA THOMAS S. AUCHTERLONIE
JAMES T. ELLER, JR.
SCOTT L. LOWE
MARK J. NUELL, Ph.D.
D. RICHARD ANDERSON
PAUL C. LEWIS
MARK W. MILSTEAD\*
JOHN CAMPA\*
RICHARD J. GALLAGHER

RICHARD J. GALLAGHER

REG. PATENT AGENTS:

CHECK R. HANDREN
MARYANNE ARMSTRONG, Ph.D.T
MAKI HATSUMI
MIKE S. RYU
CRAIG A. MCROBBIE
GARTH M. DAHLEN, Ph.D.
LAURA C. LUTZ
ROBERT E. GOOZNER, Ph.D.
HYUNG N. SOHN
MATTHEW J. LATTIG
ALAN PEDERSEN-GILES
JUSTIN D. KARJALA
C. KEITH MONTGOMERY
TIMOTHY R. WYCKOFF
HERMES M. SOYEZ, Ph.D.
KRISTI L. RUPERT, Ph.D.

Date: June 9, 2000

ii.	Docket No.: 2173-0120P						
□ Ass: □ Box □ Wash	istant Commissioner for Patents PATENT APPLICATION nington, D.C. 20231						
[] [j Sir	: :						
딕 [] Trai	nsmitted herewith for filing is the patent application of						
i i i	entor(s): ENDO, Keiji IGARASHI, Kazuaki; HAYASHI, Yasuhiro HAGIHARA, Hiroshi; OZAKI, Katsuya : MUTANT ALPHA-AMYLASES						
For	: MUTANT ALPHA-AMYLASES						
Enc	losed are:						
<u>X</u>	A specification consisting of <u>55</u> pages						
<u>X</u>	3 sheet(s) of Formal drawings						
<u>X</u>	An assignment of the invention						
<u>X</u>	Certified copy of Priority Document(s)						
<u>X</u>	Executed Declaration X Original Photocopy						
	A verified statement to establish small entity status under 37 CFR 1.9 and 37 CFR 1.27						
<u>X</u>	Preliminary Amendment						
	Information Disclosure Statement PTO-1449 and reference(s)						

X Other 3- Budapest Treaty Deposit REceipts w/English translation
The filing fee has been calculated as shown below:

LARGE ENTITY

	,		LARGE	FINITIY		SMALL EN	NTITY
FOR	NO. FILED	NO. EXTRA	RATE	FEE		RATE	FEE
BASIC FEE	********	******** *****	*****	\$690.00	or	* * * * * * * * * * * *	\$345.00
TOTAL CLAIMS	13 - 20 =	0	x18 =\$	0.00	or	x 9 = \$	0.00
INDEPENDENT	2 - 3 =	0	x78 =\$	0.00	or	x 39 = \$	0.00
MULTIPLE DE	+260 =	\$260.00	or	+130 = \$	0.00		
		5	TOTAL \$	950.00	•	TOTAL \$	0.00

A check in the amount of \$\_990.00 to cover the filing fee and recording fee (if applicable) is enclosed.

Please charge Deposit Account No. 02-2448 in the amount of  $\frac{1}{2}$ . A triplicate copy of this transmittal form is enclosed.

No fee is enclosed.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. 1.16 or under 37 C.F.R. 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KODASCH & BIRCH, LLP

By\_

JOHN W. BAILEY Reg. No. 32,881

₱. O. Box 747

Falls Church, Virginia 22040-0747

(703) 205-8000 JWB/dpt

O

The state of the s

≅ <u>X</u>

Ü

Ţ